

## Work Task E15: Backwaters Inventory and Data Collection

<b>Contact:</b>	Nathan Lenon, LC-8457
<b>Purpose:</b>	The purpose of this work task is to implement a standardized, repeatable site selection approach to select backwater restoration projects with the greatest potential for success, at the best possible value to the LCR MSCP.
<b>Conservation Measures:</b>	CLRA1, WIFL1, BONY2, RASU2, WRBA2, WYBA3, CRCR2, YHCR2, LEBI1, BLRA1, YBCU1, ELOW1, GIFL1, GIWO1, VEFL1, BEVI1, YWAR1, SUTA1, MNSW2
<b>Long-term Goal(s):</b>	Habitat creation
<b>Location:</b>	Reach 5
<b>FY2006 Estimate:</b>	\$200,000 for Reclamation staff and/or contracts to conduct inventory of all backwaters within Reach 5.
<b>FY2007 Estimate:</b>	\$150,000 for detailed monitoring of highest priority backwaters.
<b>FY2008 Estimate:</b>	\$150,000. Same as previous year.
<b>Project Description:</b>	<p>This work task will inventory approximately 100 backwaters in Reach 5 for selection, further analyses, and finally project implementation. Additional backwater inventories are anticipated in this and other reaches of the LCR in future years.</p> <p>Of these 100 backwaters, approximately 30 of the highest potential sites will be selected for physical, biological, and limnological characterization.</p>

These 30 sites will be rated/ranked on these characteristics, and then prioritized based on their rating, availability of a willing partner, anticipated costs, and other management considerations. Finally, 15 of the highest priority backwaters will be selected to undergo in-depth baseline monitoring for a minimum of 1 year, which will provide the scientific basis for selecting an appropriate restoration technique. A study plan is available.